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Bib Data Sheet

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| SERIAL NUMBER 10/015,091 | FILING DATE 10/23/2001 RULE | CLASS 360 | GROUP ART UNIT 2652 | ATTORNEY DOCKET NO. 9281-4223 |
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APPLICANTS

Naoya Hasegawa, Niigata-ken, JAPAN;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

JAPAN 2000-328276 10/27/2000 } copies received
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IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/14/2002

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| Foreign Priority claimed | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no |
| 35 USC 119 (a-d) conditions met | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance |
| Verified and Acknowledged | Examiner's Signature <i>Bm</i> Initials |
| STATE OR COUNTRY | STATE OR COUNTRY JAPAN |
| SHEETS DRAWING | SHEETS DRAWING 34 |
| TOTAL CLAIMS | TOTAL CLAIMS 70 |
| INDEPENDENT CLAIMS | INDEPENDENT CLAIMS 6 |

ADDRESS

Brinks Hofer Gilson & Lione
 P.O. Box 10395
 Chicago, IL 60610

TITLE

Spin-valve thin-film magnetic element without sensing current shunt and thin-film magnetic head including the same

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|-----------------------------|---|---|
| FILING FEE RECEIVED 1892 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit |
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